

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A processing machine, comprising:
  - a machine frame;
  - a processing element arranged so as to be movable relative to the machine frame;
  - at least one drive shaft for moving the processing element relative to the machine frame; and
  - a floating-bearing arrangement coupling the at least one drive shaft to the machine frame and the processing element, wherein the floating-bearing arrangement comprises at least two rolling-contact bearings coupled to one another and having a first rolling-contact bearing that is coupled with the drive shaft, and a second rolling-contact bearing that is arranged on the machine frame, and a common connecting bearing shell, wherein the connecting bearing shell supports rolling-contact bodies of the first and second rolling-contact bearings and wherein the bearing arrangement comprises a drive for moving the connecting bearing shell,
  - wherein the drive shaft is rotatably mounted on a support, the first rolling-contact bearing is connected to the support and the second rolling-contact bearing is connected to the machine frame, the rolling-contact bearings being designed as linear bearings and being coupled with one another by means of a spindle that serves as the connecting bearing shell, which extends in a main expansion direction (L) of the processing element and/or of the machine frame and is reciprocally movable in the main expansion direction.
2. (Previously Presented) A processing machine comprising a sanding machine, comprising:
  - a machine frame;
  - a processing element arranged so as to be movable relative to the machine frame;
  - at least one drive shaft for moving the processing element relative to the machine frame;